

DISCUSSION GROUP T8 (JOINTLY WITH P4) ON COUPLINGS AND ALIGNMENT



Thomas R. (Tom) Davidson, Coordinator, is Chief Mechanical Engineer, Global Operations Reliability Support for Linde, Inc., in Pasadena, Texas. His primary responsibility is developing and implementing equipment reliability improvement programs for both rotating and fixed equipment. He has more than 30 years of experience in the petrochemical and process gas industry, in the field of equipment reliability, maintenance management, and turnaround planning and scheduling.

Mr. Davidson received a B.S. degree (Mechanical Engineering, 1978) from the University of Houston. He is a member of ASME, NSPE, the Vibration Institute, and he serves on the Turbomachinery Symposium Advisory Committee. Mr. Davidson is also a registered Professional Engineer in the State of Texas.



Michael Johnson, Coordinator, is a Pipe Stress Engineer in the Reliability Engineering Department of Reliant Energy, in Houston, Texas. He has more than 20 years of experience and is responsible for high energy piping and ISI programs at Reliant.

Mr. Johnson graduated from the University of North Dakota (1980) and is a registered Professional Engineer in the State of Texas.

Terry L. Roehm, Coordinator, is a Corporate Reliability Engineer for Marathon Oil, in Houston, Texas. He specializes in rotating equipment and his responsibilities focus on improvement of the reliability of rotating equipment for the upstream of Marathon. In addition, Mr. Roehm is involved with the specification, selection, procurement, installation, startups, troubleshooting, and turnaround planning for the rotating equipment. He has had various positions in maintenance and engineering with the downstream portions of Marathon Petroleum and Ashland Oil for more than 30 years.

Mr. Roehm has a B.S. degree (Mechanical Engineering) from Purdue University. He is a registered Professional Engineer in the State of Kentucky, the past Chairman of the API Subcommittee on Mechanical Equipment, active on several API task forces, and a member of ASME.



John Stokes, Coordinator, is a Machinery Engineer for Shell Chemical LP in Deer Park, Texas. In his current assignment, he provides technical support for the operation and maintenance of the machinery in the two Olefins Plants.

Mr. Stokes received a BSME from Louisiana Tech University in 1978. He is a member of ASME and is a registered Professional Engineer in the States of Louisiana and Texas.



Mark O'Niel is the Chief Engineer of Altra Couplings, which includes Ameridrives, Bibby Power Transmission, TB Woods, Ameridrives Power Transmission and Huco couplings. Prior to joining Altra Couplings, Mr. O'Niel was the Director of Engineering at the Riverhawk Company from 1999 until his return to Ameridrives in 2008. Mark has 30 years' experience in the turbomachinery industry. Prior to joining Ameridrives originally in 1989 he designed steam turbines for six years at the Terry Steam Turbine Company, followed by two years with General Dynamics-Electric Boat Division.

Mr. O'Niel has a B.S. degree (Mechanical Engineering) from the University of Rhode Island and a M.S. degree (Mechanical Engineering) from Rensselaer Polytechnic Institute. He has been a member of the API 671 task force since 1996.

Todd Stevens
